

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

## Title of Invention

IN SITU THERMAL PROCESSING OF A HYDROCARBON  
CONTAINING FORMATION TO PRODUCE HYDROCARBONS  
HAVING A SELECTED CARBON NUMBER RANGE

Application Number : 09/841490



Confirmation Number: 3750

First Named Applicant: Scott Wellington

Attorney Docket Number: 5659-01100

Art Unit: 3672

Examiner: George A. Suchfield

Search string: ( 3386508 or 4303126 or 4766958 or 4828031 or 5085276 or 5305829 or 5377756  
or 5411086 or 3288648 or 6820688 or 6805195 or 4415034 ).pn

## US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
GS	1	3386508	1968-06-04	Bielstein et al.			
	2	4303126	1981-12-01	Blevins			
	3	4766958	1988-08-30	Faecke			
	4	4828031	1989-05-09	Davis			
	5	5085276	1992-02-04	Rivas et al.			
	6	5305829	1994-04-26	Kumar			
	7	5377756	1995-01-03	Northrop et al.			
	8	5411086	1995-05-02	Burcham et al.			
	9	3288648	1966-11-29	Jones			
	10	6820688	2004-11-23	Vinegar et al.			
	11	6805195	2004-10-19	Vinegar et al.			
GS	12	4415034	1983-11-15	Bouch			

## Signature

Examiner Name	Date
George Suchfield	5/10/05



Form PTO-1449 (modified)  
List of Patents and Publications  
For Applicant's Information  
Disclosure Statement  
(Use several sheets if necessary)

ATTY. DOCKET NO.: 5659-01100

APPLICANT: Wellington et al.

FILING DATE: April 24, 2001

SERIAL NO.: 09/841,490

CONFIRMATION NO.: 3750

ART UNIT: 3672

### U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APP.
	U113	3288648	11/29/1966	Jones			
	U114	4415034	11/15/1983	Bouck			
	U115	6820688	11/23/2004	Vinegar et al.			
	U116	6805195	10/19/2004	Vinegar et al.			
	U117	3386508	6/4/1968	Bielstein et al.			
	U118	4303126	12/1/1981	Blevins			
	U119	4766958	8/30/1988	Faecke			
	U120	4828031	5/9/1989	Davis			
	U121	5085276	2/4/1992	Rivas et al.			
	U122	5305829	4/26/1994	Kumar			
	U123	5377756	1/3/1995	Northrop et al.			
	U124	5411086	5/2/1995	Burcham et al.			
	U125	4319635	3/16/1982	Jones			
	U126	5027896	7/2/1991	Anderson			
	U127	5325918	7/5/1994	Berryman et al.			
	U128	4418752	12/6/1983	Boyer et al.			
	U130	5891829	4/6/1999	Vallejos et al.			
	U131	4151877	5/1/1979	French			
	U132	4243511	1/6/1981	Allred			
	U133	4439307	3/27/1984	Jaquay et al.			
	U134	4544478	10/1/1985	Kelley			
	U135	5041210	8/20/1991	Merrill, Jr. et al.			
	U136	4285547	8/25/1981	Weichman			

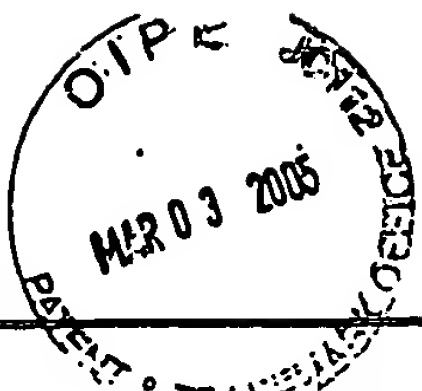
EXAMINER:

George Suchfield

DATE CONSIDERED:

5/10/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.



Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)	ATTY. DOCKET NO.: 5659-01100	SERIAL NO.: 09/841,490
	APPLICANT: Wellington et al.	CONFIRMATION NO.: 3750
	FILING DATE: April 24, 2001	ART UNIT: 3672

**U.S. PATENT DOCUMENTS**

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APP.
	U137	4234230	11/18/1980	Weichman			
	U138	3700280	10/24/1972	Papadopoulos et al.			
	U139	3759328	9/18/1973	Ueber et al.			
	U140	3804169	4/16/1974	Closmann			
	U141	3804172	4/16/1974	Closmann et al.			
	U142	4065183	12/27/1977	Hill et al.			
	U143	3779602	12/18/1973	Beard et al.			
	U144	4260192	4/7/1981	Shafer			
	U145	20030029617	2/13/2003	Brown et al.			

**OTHER ART**

Exam Initials	REF. DES	Article (Including Author, Title, Date, Pertinent Pages, Etc.)
GS	SR01	PCT "International Search Report" for International Application No. PCT/US 02/34264 mailed on December 2, 2004 (7 pages).
GS	OA-19	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,493, Mailed October 6, 2004 (4 pages).
GS	OA-20	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,302, Mailed October 21, 2004 (6 pages).

EXAMINER: George Suchfield      DATE CONSIDERED: 5/10/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

3-28-05

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

<b>Title of Invention</b>	<b>IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION TO PRODUCE HYDROCARBONS HAVING A SELECTED CARBON NUMBER RANGE</b>						
<div> <div>Application Number :</div> <div>09/841490</div> <div>Confirmation Number:</div> <div>3750</div> <div>First Named Applicant:</div> <div>Scott Wellington</div> <div>Attorney Docket Number:</div> <div>5659-01100</div> <div>Art Unit:</div> <div>3672</div> <div>Examiner:</div> <div>George A. Suchfield</div> <div>Search string:</div> <div>( 4319635 or 5027896 or 5325918 or 4418752 or 5891829 or 4151877 or 4243511 or 4439307 or 4544478 or 5041210 or 4285547 or 4234230 or 3700280 or 3804169 or 3759328 or 3804172 or 4065183 or 3779602 or 4260192 or 4883582 or 3288648 or 4415034 or 6820688 or 6805195 or 3386508 or 4303126 or 4766958 or 4828031 or 5085276 or 5305829 or 5377756 or 5411086 or 6866097 or 20030029617 ).pn</div> </div>							
<div> <div> <div>GS</div> <div>1</div> <div>4319635</div> <div>1982-03-16</div> <div>Jones</div> <div></div> <div></div> <div></div> </div> <div> <div></div> <div>2</div> <div>5027896</div> <div>1991-07-02</div> <div>Anderson</div> <div></div> <div></div> <div></div> </div> <div> <div></div> <div>3</div> <div>5325918</div> <div>1994-07-05</div> <div>Berryman et al.</div> <div></div> <div></div> <div></div> </div> <div> <div></div> <div>4</div> <div>4418752</div> <div>1983-12-06</div> <div>Boyer et al.</div> <div></div> <div></div> <div></div> </div> <div> <div></div> <div>5</div> <div>5891829</div> <div>1999-04-06</div> <div>Vallejos et al.</div> <div></div> <div></div> <div></div> </div> <div> <div></div> <div>6</div> <div>4151877</div> <div>1979-05-01</div> <div>French</div> <div></div> <div></div> <div></div> </div> <div> <div></div> <div>7</div> <div>4243511</div> <div>1981-01-06</div> <div>Allred</div> <div></div> <div></div> <div></div> </div> <div> <div></div> <div>8</div> <div>4439307</div> <div>1984-03-27</div> <div>Jaquay et al.</div> <div></div> <div></div> <div></div> </div> <div> <div></div> <div>9</div> <div>4544478</div> <div>1985-10-01</div> <div>Kelley</div> <div></div> <div></div> <div></div> </div> <div> <div></div> <div>10</div> <div>5041210</div> <div>1991-08-20</div> <div>Merrill, Jr. et al.</div> <div></div> <div></div> <div></div> </div> <div> <div></div> <div>11</div> <div>4285547</div> <div>1981-08-25</div> <div>Weichman</div> <div></div> <div></div> <div></div> </div> <div> <div></div> <div>12</div> <div>4234230</div> <div>1980-11-18</div> <div>Weichman</div> <div></div> <div></div> <div></div> </div> <div> <div></div> <div>13</div> <div>3700280</div> <div>1972-10-24</div> <div>Papadopoulos et al.</div> <div></div> <div></div> <div></div> </div> <div> <div></div> <div>14</div> <div>3804169</div> <div>1974-04-16</div> <div>Closmann</div> <div></div> <div></div> <div></div> </div> <div> <div></div> <div>15</div> <div>3759328</div> <div>1973-09-18</div> <div>Ueber et al.</div> <div></div> <div></div> <div></div> </div> <div> <div></div> <div>16</div> <div>3804172</div> <div>1974-04-16</div> <div>Closmann et al.</div> <div></div> <div></div> <div></div> </div> <div> <div></div> <div>17</div> <div>4065183</div> <div>1977-12-27</div> <div>Hill et al.</div> <div></div> <div></div> <div></div> </div> <div> <div>GS</div> <div>18</div> <div>3779602</div> <div>1973-12-18</div> <div>Beard et al.</div> <div></div> <div></div> <div></div> </div> </div>							

69	19	4260192	1981-04-07	Shafer			
	20	4883582	1989-11-28	McCants			
	21	3288648	1966-11-29	Jones			
	22	4415034	1983-11-15	Bouch			
	23	6820688	2004-11-23	Vinegar et al.			
	24	6805195	2004-10-19	Vinegar et al.			
	25	3386508	1968-06-04	Bielstein et al.			
	26	4303126	1981-12-01	Blevins			
	27	4766958	1988-08-30	Faecke			
	28	4828031	1989-05-09	Davis			
	29	5085276	1992-02-04	Rivas et al.			
	30	5305829	1994-04-26	Kumar			
	31	5377756	1995-01-03	Northrop et al.			
	32	5411086	1995-05-02	Burcham et al.			
69	33	6866097	2005-03-15	Vinegar et al.			

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
69	1	20030029617	2003-02-13	Brown et al.			

## Signature

Examiner Name	Date
George Suchfield	5/10/05

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

<b>Title of Invention</b>	<b>IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION TO PRODUCE HYDROCARBONS HAVING A SELECTED CARBON NUMBER RANGE</b>
-------------------------------	---

Application Number : 09/841490



Confirmation Number: 3750

First Named Applicant: Scott Wellington

Attorney Docket Number: 5659-01100

Art Unit: 3672

Examiner: George A. Suchfield

Search string: ( 5539853 or 3691291 or 3032102 or 3079085 or 3454365 or 4260018 or 4683947 or 5055180 or 5626191 or 6353706 or 6467543 or 6499536 or 4734115 or 3170842 or 3618663 or 4018280 or 4698149 or 3948755 or 4605489 or 4623444 or 4885080 or 5059303 or 6110358 or 6789625 or 6782947 or 20020004533 or 20020112987 ).pn

## US Patent Documents

**Note: Applicant is not required to submit a paper copy of cited US Patent Documents**

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
69	1	5539853	1996-07-23	Jamaluddin et al.			
	2	3691291	1972-09-12	Taj			
	3	3032102	1962-05-01	Parker			
	4	3079085	2004-09-28	Clark, Jr. et al.			
	5	3454365	1969-07-08	Lumpkin et al.			
	6	4260018	1981-04-07	Shum et al.			
	7	4683947	1987-08-04	Fernbacher et al.			
	8	5055180	1991-10-08	Klaila			
	9	5626191	1997-05-06	Greaves et al.			
	10	6353706	2002-03-05	Bridges			
	11	6467543	2002-10-22	Talwani et al.			
	12	6499536	2002-12-31	Ellingsen			
	13	4734115	1998-03-29	Howard et al.			
	14	3170842	1965-02-23	Kehler			
	15	3618663	1971-11-09	Needham			
	16	4018280	1977-04-19	Daviduk et al.			
	17	4698149	1987-10-06	Mitchell			
	18	3948755	1976-04-06	McCollum et al.			
69	19	4605489	1986-08-12	Madgavkar			

69	20	4623444	1986-11-18	Che et al.			
1	21	4885080	1989-12-05	Brown et al.			
	22	5059303	1991-10-22	Taylor et al.			
	23	6110358	2000-08-29	Aldous et al.			
	24	6789625	2004-09-14	de Rouffinac et al.			
69	25	6782947	2004-08-31	de Rouffinac et al.			

## US Published Applications

**Note: Applicant is not required to submit a paper copy of cited US Published Applications**

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
69	1	20020004533	2002-01-10	Wallace et al.			
69	2	20020112987	2002-08-22	Hou et al.			

## Signature

Examiner Name	Date
George Suchfield	5/10/05

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

## Title of Invention

IN SITU THERMAL PROCESSING OF A HYDROCARBON  
CONTAINING FORMATION TO PRODUCE HYDROCARBONS  
HAVING A SELECTED CARBON NUMBER RANGE

Application Number : 09/841490



Confirmation Number: 3750

First Named Applicant: Scott Wellington

Attorney Docket Number: 5659-01100

Art Unit: 3672

Examiner: George A Suchfield

Search string: ( 6763886 or 6769485 or 6769483 or 6581684 or 6588504 or 6588503 or 6591906  
or 6591907 or 6607033 or 6609570 or 6688387 or 20040108111 ).pn

## US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
GS	1	6763886	2004-07-20	Schoeling et al.			
	2	6769485	2004-08-03	Vinegar et al.			
	3	6769483	2004-08-03	de Rouffignac et al.			
	4	6581684	2003-06-24	Wellington et al.			
	5	6588504	2003-07-08	Wellington et al.			
	6	6588503	2003-07-08	Karanikas et al.			
	7	6591906	2003-07-15	Wellington et al.			
	8	6591907	2003-07-15	Zhang et al.			
	9	6607033	2003-08-19	Wellington et al.			
	10	6609570	2003-08-26	Wellington et al.			
GS	11	6688387	2004-02-10	Wellington et al.			

## US Published Applications

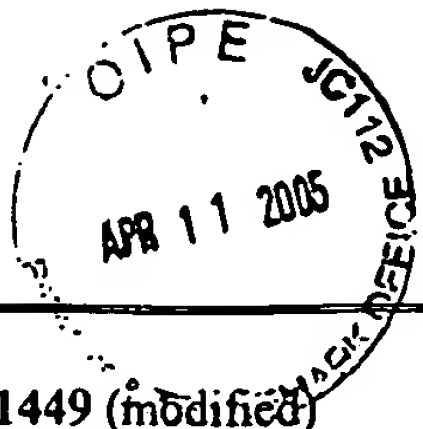
Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
GS	1	20040108111	2004-06-10	Vinegar et al.			



Signature

Examiner Name	Date
George Suchfield	5/10/05



<b>Form PTO-1449 (modified)</b> List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)		<b>ATTY. DOCKET NO:</b> 5659-01100 <b>APPLICANT:</b> Wellington et al. <b>FILING DATE:</b> April 24, 2001	<b>SERIAL NO:</b> 09/841,490 <b>CONFIRMATION NO.</b> 3750 <b>ART UNIT:</b> 3672
<b>OTHER ART</b>			
<b>EXAM. INITIALS</b>	<b>CITE. NO.</b>	<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>	
GS	OA-19	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,493, mailed October 6, 2004; 4 pages.	
	OA-20	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,302, mailed October 21, 2004; 6 pages.	
	SR02	PCT, "Search Report" for International Application No. PCT/US02/13121 mailed December 2004; 7 pages.	
GS	WO01	PCT, "Written Opinion" for International Application No. PCT/US02/13121 mailed February 24, 2005; 6 pages.	

**EXAMINER:** George Suchfield      **DATE CONSIDERED:** 5/10/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.